1 2 3 4	THE EMBODIMENTS OF THE INVENTION FOR WHICH AN EXCLUSIVE PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS:
5	1. An anti-reversionary device adapted to a conduit having a bore
6	through which gas flow to or from an internal combustion engine, comprising:
7	an inner pipe positioned substantially concentrically and co-axially
8	within the bore of the conduit; and
9	an annular wall extending to fit between the pipe and the conduit, the
10	annular wall having a plurality of ports formed therein and about the inner pipe,
11	each port forming a passage directed radially inward and downstream and wherein
12	the inner pipe has a tubular gas inlet projecting upstream from the annular wall so
13	that
14	the annular wall separates the gas flow into a annular gas flow and a
15	central gas flow, the central gas flow being faster than the annular gas flow at the
16	tubular gas inlet, and the annular gas flow accelerates through the plurality of
17	passages for directed discharge into the central gas flow.
18	
19 -	2. The anti-reversionary device of claim 1 wherein the conduit is
20	an intake to an internal combustion engine.
21	
22	3. The anti-reversionary device of claim 1 wherein the conduit is
23	an exhaust from an internal combustion engine.

1	4.	The anti-reversionary device of claim 3 wherein the anti-
2	reversionary device	e is fit adjacent the engine.
3		
4	5.	The anti-reversionary device of claim 1 wherein the passages
5	are angled radially	inward at between 20 and 30 degrees.
6		
7	6.	The anti-reversionary device of claim 5 wherein each passage
8	is angled radially ir	nward at about 26 degrees.
9		
10	7.	The anti-reversionary device of claim 6 wherein the conduit is
11	the exhaust from a	n internal combustion engine.
12		
13	8.	The anti-reversionary device of claim 7 wherein the anti-
14	reversionary device	e is fit adjacent the engine.
15		
16	9.	The anti-reversionary device of claim 1 wherein the annular
17	wall is a truncated	d cone which is angled downstream from the inner pipe to the
18	conduit.	
19		
20	10.	The anti-reversionary device of claim 9 further comprising a
21	cylindrical housing	adapted to fit to the bore of the conduit wherein the truncated
22	cone extends hetw	een the cylindrical housing and inner nine

1	11. The anti-reversionary device of claim 10 wherein the housing
2	annular wall and inner pipe are formed as a unitary body formed of sheet material.
3	
4	12. The anti-reversionary device of claim 11 wherein shee
5	material has a wall thickness which forms the passage through the annular wall.
6	
7	13. The anti-reversionary device of claim 10 wherein the passages
8	are angled radially inward at between 20 and 30 degrees.
9	
10	14. The anti-reversionary device of claim 13 wherein each passage
11	is angled radially inward at about 26 degrees.
12	
13	15. The anti-reversionary device of claim 14 wherein the conduit is
14	an exhaust from an internal combustion engine.
15	
16	16. The anti-reversionary device of claim 15 wherein the anti
17	reversionary device is fit adjacent the engine.
18	
19	17. A conduit for directing gas flow to or from an interna
20	combustion engine comprising one or more anti-reversionary device of claim 1.
21	

1 18. The conduit of claim 17 wherein the passages of each of the one or more devices are angled radially inward at between 20 and 30 degrees.

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19. The conduit of claim 18 wherein the annular wall of each of the one or more devices is a truncated cone which is angled downstream from the inner pipe to the conduit.

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The conduit of claim 19 wherein the each passage is angled radially inward at about 26 degrees.